

CLASSIFICATION

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

East Germany

DATE DISTR.

March 1, 55

Manufacture of a Tank Diesel Engine

NO. OF PAGES

2

NO. OF ENCLS.
(LISTED BELOW)

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SUPPLEMENT TO

REFERENCES

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This is UNEVALUATED Information

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1. [redacted] learned that engine work was under way on a heavy Diesel engine 500 H.P. at Forschungs- und Entwicklungswerk (Research and Development Plant) (FEW) at Chemnitz. This work was started in February 1954 and was scheduled to be completed by 1 September 1954. Two experimental engines were to be built after completion of the construction work. It appeared that the engine was to be installed in a tank.

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2. The disassembly of the prototype Diesel engine was completed on 30 April 1954 and the disassembly of the gear unit was scheduled to be completed by 10 May 1954. On 6 May 1954, a tabulation of the component parts of the Diesel engine and its gear unit comprising 75 items was made. The materials required for these component parts were to be tested.

3. [REDACTED]

[REDACTED] it was learned that the gear unit required for the experimental Diesel engine was to be furnished by VEB Getriebebau (gear plant) at Liebertwolkwitz. [REDACTED]

it was learned that preparations for the licensed construction of the Diesel engine concerned were made simultaneously at the VEB Konstruktions- und Entwicklungsbuero (designing and development bureau) at Rosslau, at FTW Chemnitz, (Johannisthal branch plant), and at VEB Motorreparaturwerk Pankow (engine repair shop). Specifications for the new engine included: normal rating: 500 H.P. at 1,800 r.p.m., short duration output: 600 H.P., weight per H.P.: 1.5 kg, 12 cylinders V. It was allegedly scheduled to build 200 units of this engine in 1955, and a sum of 5 - 6,000,000 Eastmarks will be made available for this project. It is believed that VEB Industriewerk Ludwigsfelde is the only GDR installation suitable for the manufacture of this engine. A conference held [redacted] at VEB Motorenwerk Johannisthal on the building of the new Diesel engine was attended by employees of VEB Forschungs- und Entwicklungswerk Johannisthal, VEB Motorenwerk Johannisthal, and one Bluecher (fnu). an officer attached to the headquarters of the VP Sea. 3

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Comment. The specifications mentioned indicate that the Diesel engine involved may be a copy of the Soviet model V2K tank engine. Further information is required to clarify this point. The fact that a VP Sea officer attended a conference on this engine indicates that it may be used for marine purposes. It is believed that the experimental model of the engine may be built at VEB Industriewerke Ludwigsfelde and that manufacture of this engine will also take place there.

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